



FBA 8960

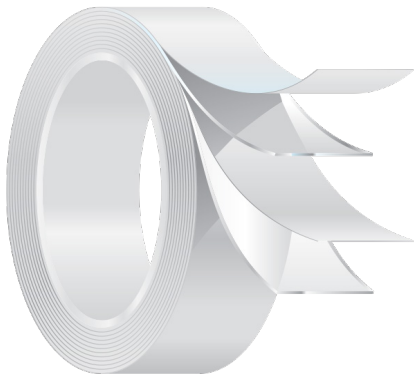
Avery Dennison FBA 8960 is a 4.0 mil double coated polyester with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties. FBA 8960 is commonly used for foam and fabric applications in the automotive and appliance industries.

FEATURES:

- Double coated tape construction
- Modified acrylic adhesive for low surface energy substrates
- Polyester film carrier
- Super calendered kraft release liner

BENEFITS:

- Dimensional stability and good die cutting characteristics
- Strong bond to low surface energy materials and good foam bonding performance
- Good heat resistance
- High tensile strength and good converting performance
- High tensile strength and tear resistance with excellent die cutting performance



CONSTRUCTION:

Liner:

80# White Kraft

Adhesive:

Acrylic

Carrier:

Polyester

Adhesive:

Acrylic

FBA 8960

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		4.4	0.11	110
Adhesive - Unwind		2.1	0.05	55
Carrier		0.5	0.01	15
Adhesive - Liner		1.4	0.04	35
Total Caliper without Liner:		4.0	0.10	105
Total Caliper:		8.4	0.21	215

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330		
2 mil PET 72 hr dwell 180° 12 in /min (305 mm / min)				
Substrate		Lbf / In	N / Meter	
SS	Liner	6.0	1,050	
	Unwind	6.0	1,050	
ABS	Liner	6.0	1,050	
	Unwind	6.0	1,050	

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET Initial 20 in / min (508 mm / min)				
Substrate		Lbf / In	N / Meter	
SS	Liner	7.0	1,230	

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654		
2 mil PET 72 hr dwell 1" sq (6.5 cm2) 1000 g				
Substrate		Mins to Fail		
SS	Liner	10,000		

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	350° F	175° C

APPLICATION TECHNIQUES

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

STORAGE / SHELF LIFE

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

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